

State of Alaska

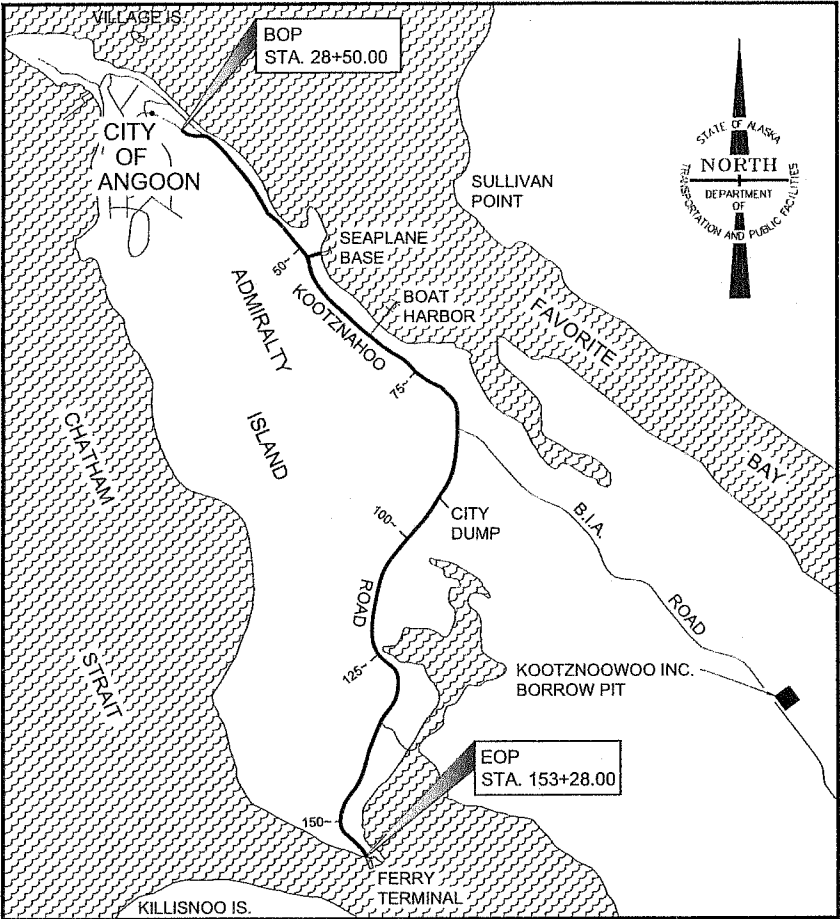
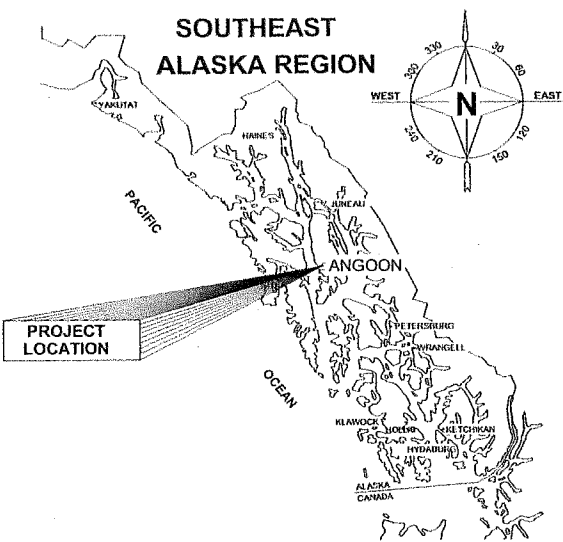
Department of Transportation
and Public Facilities
Southeast Region

ANGOON, ALASKA

AREAWIDE PAVING
NH-0003(161) ~ 67460

As-Built Drawings
Contractor: Aggregate Construction, Inc.
Project Engineer: Danielle Ryder

Start Date: 31 May 2013
End Date: 3 August 2013



VICINITY MAP

DESIGN DESIGNATION

A.D.T. 2009	=	460
A.D.T. 2034	=	520
D.H.V. 2034	=	63
% T	=	7.8%
V	=	35 MPH
E.A.L.	=	50,000

PROJECT SUMMARY

LENGTH OF PAVING	=	2.53 MILES
WIDTH OF PAVING	=	20-24 FT
LENGTH OF PROJECT	=	2.53 MILES

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	M-16.01	S-01.00	S-20.10	T-21.03
M-13.01	S-00.11	S-05.01	S-30.03	

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1	SUMMARIES
E1	MISCELLANEOUS DETAILS
F1-F6	PLAN
P1	EROSION & SEDIMENT CONTROL DETAILS
T1	TRAFFIC CONTROL

ROUTE: 290140 MILEPOINT: 0.00 TO 2.49

PATH: Q:\ANG167460\PLANSET\67460_A1.TSHT.DWG TAB:A1
Tuesday, June 19, 2012 1:55:26 PM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION



APPROVED: *Chuck Correa* 8/17/12
REGIONAL PRE-CONSTRUCTION ENGINEER DATE
CHUCK CORREA, P.E.

APPROVED: *Albert H. Clough* 8/17/12
DIRECTOR, SOUTHEAST REGION DATE
ALBERT H. CLOUGH, CPG

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD
CONDITION:

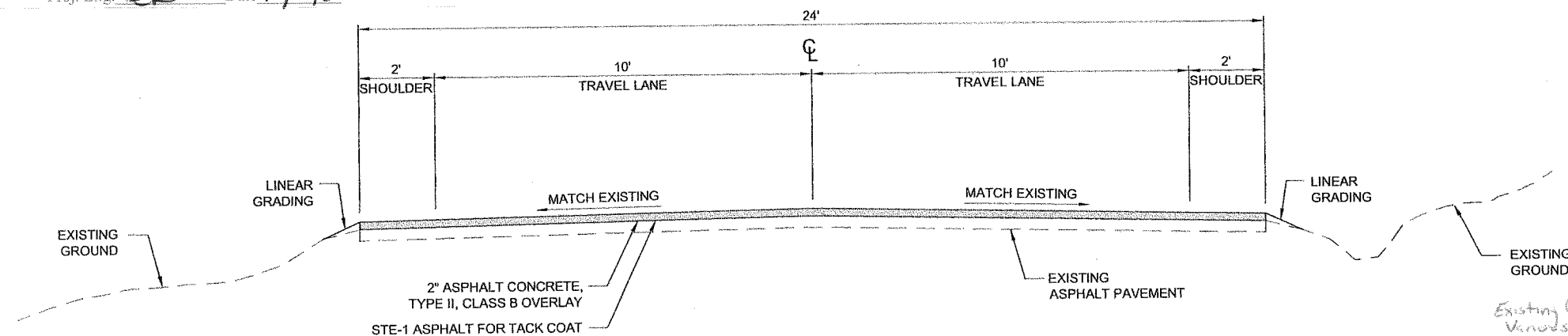
John K. Kish 1/6/14
CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-0003(161) ~ 67460	2012	A1	13

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. DR Date 10/15/2013

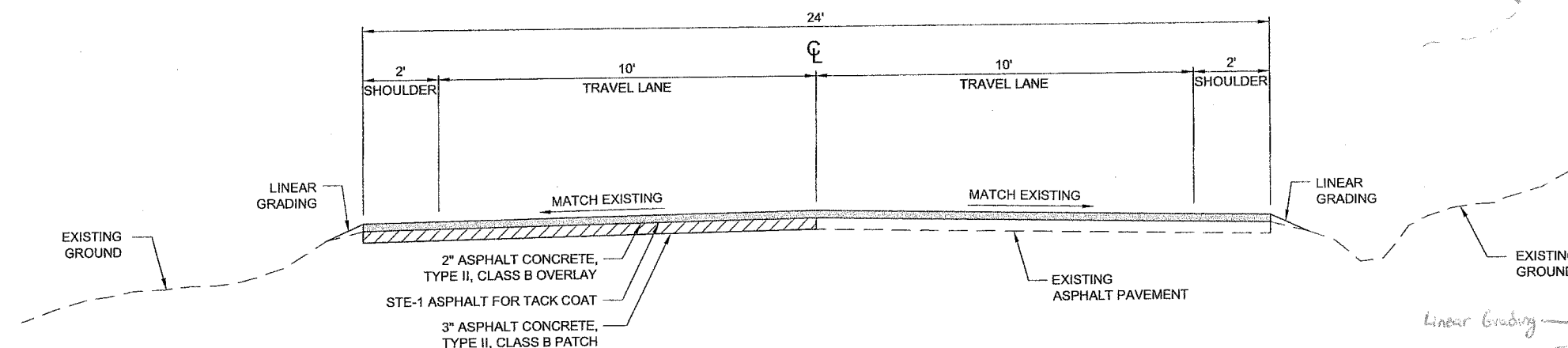
GENERAL NOTES:

1. INFORMATION CONTAINED IN THESE DOCUMENTS HAS BEEN COMPILED FROM AS-BUILT DRAWINGS. FEATURE LOCATIONS ARE APPROXIMATE.
2. COMPLETE THE PAVEMENT PATCHING WORK PRIOR TO ANY OVERLAY WORK. THE LOCATIONS AND DIMENSIONS SHOWN ARE APPROXIMATE AND PATCH AREA LIMITS WILL BE IDENTIFIED BY THE ENGINEER PRIOR TO BEGINNING WORK.
3. AS-BUILTS INDICATE THE EXISTING ASPHALT PAVEMENT IS 3 INCHES THICK.
4. FOR PAVEMENT PATCH AREAS, REMOVE EXISTING PAVEMENT FULL-DEPTH. RE-ESTABLISH GRADE AS REQUIRED.



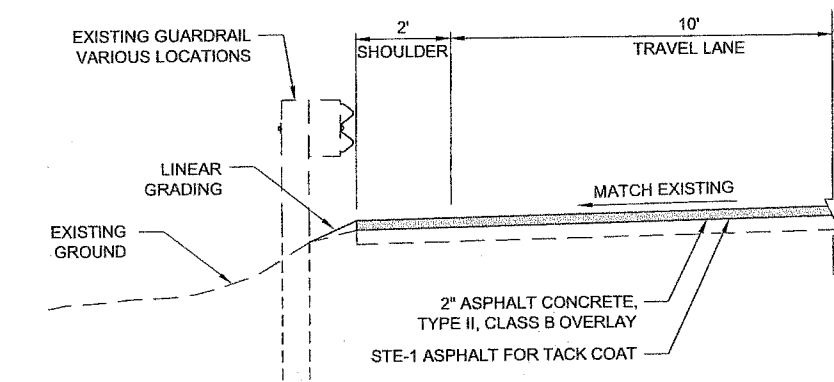
OVERLAY TYPICAL SECTION

KOOTZNAHOO ROAD: STA. 28+50 TO STA. 153+28
 SEAPLANE FLOAT ROAD: STA. 10+10 TO STA. 14+55.39



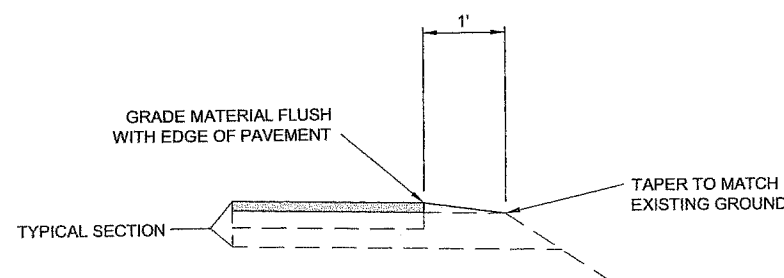
PATCH TYPICAL SECTION

LOCATIONS AND DIMENSIONS VARY, SEE F SHEETS



SEAPLANE BASE GUARDRAIL SECTION

STA. 13+00 TO 14+55.39

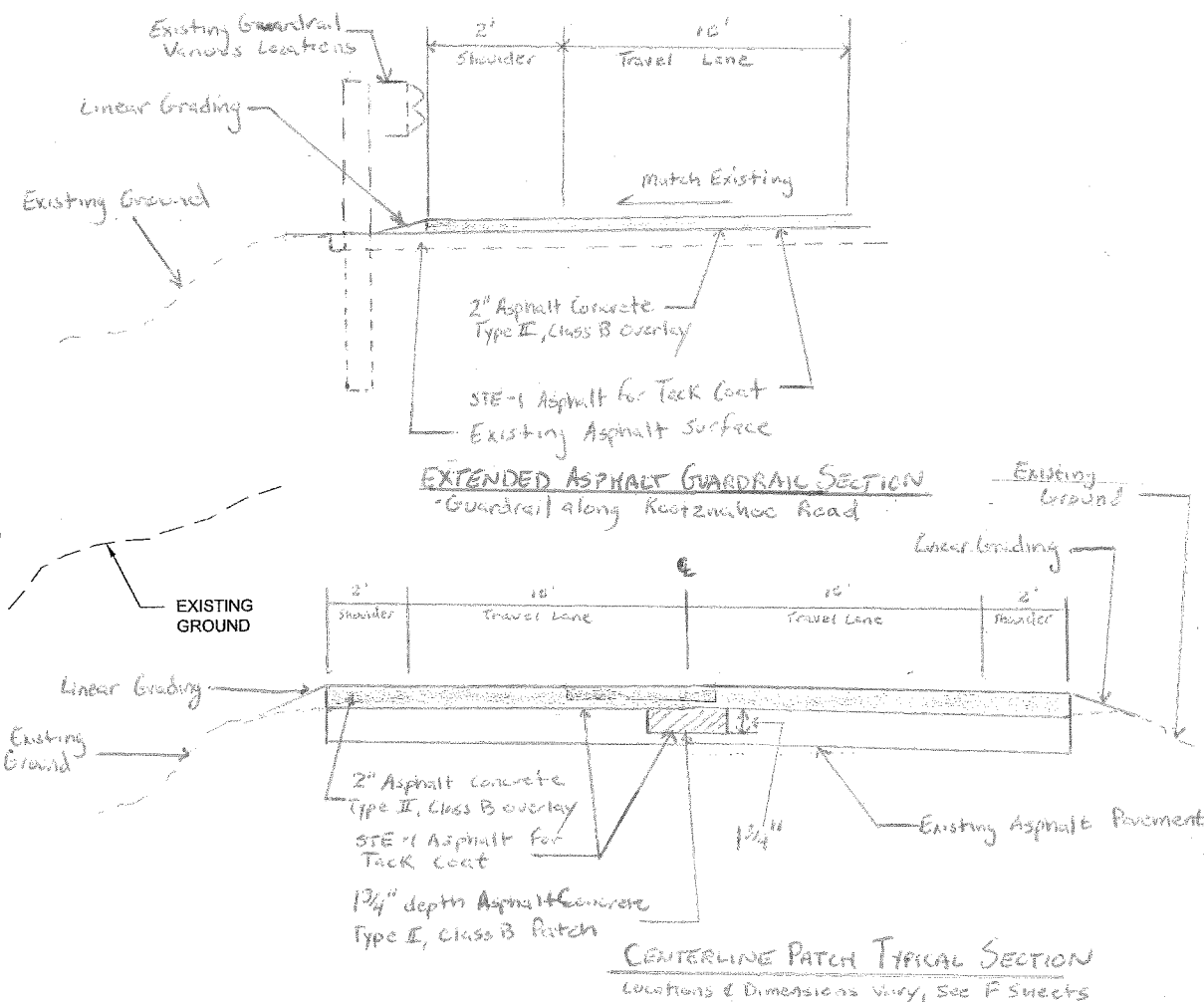


LINEAR GRADING

LEFT AND RIGHT EDGE OF PAVEMENT

NOTES:

1. MATERIAL FOR LINEAR GRADING SHALL MATCH THE REQUIREMENTS OF AGGREGATE BASE COURSE, GRADING D-1.
2. LINEAR GRADING SHALL BE PAID FOR UNDER ITEM 303 (3).
3. REMOVE VEGETATION PRIOR TO PLACING LINEAR GRADING.



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: D. LESTER		ANG-AREAWIDE PAVING PROJECT #67460	
DRAWN BY: D. STEVENS, R. GRANTHAM		TYPICAL SECTION	
PATH: Q:\ANG\67460\PLANSET\67460_B1_TYP.DWG		PROJECT DESIGNATION	
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		SHEET NO.	
		TOTAL SHEETS	
NH-0003(161) ~ 67460		2012	
		B1	
		13	

ESTIMATE OF QUANTITIES			
ITEM NO	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQUIRED
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	720
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	225
303 (3)	LINEAR GRADING	STATION	259
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	4,520
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	274
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	16
615 (1)	STANDARD SIGN	SQUARE FOOT	106
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	3
632 (1)	PAVING FABRIC	SQUARE YARD	75
633 (2)	SEDIMENT BARRIER	LINEAR FOOT	520
639 (3)	APPROACH	EACH	33
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641 (4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642 (4)	SET PRIMARY MONUMENT	EACH	4
642(9)	REFERENCE EXISTING MONUMENT	EACH	4
642 (10)	MONUMENT CASE	EACH	4
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
644 (1)	FIELD OFFICE	LUMP SUM	ALL REQUIRED
644 (6)	VEHICLES	LUMP SUM	ALL REQUIRED
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED

1,274
38.3
4492.81
294.15

14.34

4

0


BASIS OF ESTIMATE		
ITEM NO.	ITEM	ESTIMATING FACTOR
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	1.95 TONS/CY
401 (1)	ASPHALT CONCRETE, TYPE II; CLASS B	120 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6.0% OF ITEM 401(1)
402 (1)	STE-1 ASPHALT FOR TACK COAT	0.1 GAL/SY, (243 GAL/TON)
670(1)	PAINTED TRAFFIC MARKINGS	WHITE: 26,270 FEET FOG LINE YELLOW: 13,135 FEET CENTERLINE

GENERAL NOTE:

THE LOCATIONS OF EXISTING FEATURES AND UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE. VERIFY ALL UTILITY LOCATIONS IN THE FIELD AS NECESSARY TO COMPLETE THE WORK.

CITY OF ANGOON 907-788-3653
PUBLIC WORKS: JOHN SILVA 500-2167

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		ANG-AREAWIDE PAVING PROJECT #67460	
DESIGNED BY: D. LESTER		ESTIMATE OF QUANTITIES	
DRAWN BY: D. STEVENS, R. GRANTHAM			
PATH: Q:\ANG\67460\PLANSET\67460_C1_EST.DWG			
TAB: C1 Wednesday, August 01, 2012 11:07:58 AM LESTER, DARRYL (DOT)			
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	SHEET NO.
			TOTAL SHEETS
		NH-0003(161) ~ 67460	2012
			C1
			13

615 (1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STA.	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SQ FT)	POST	REMARKS
1	STOP	29+02	LT	R1-1	30	30	6.25	2.5" PST	
2	FERRY TERMINAL 2.5	30+50	RT	D2-1	114	12	9.50	2 EA 4X4 TIMBER	CLEARVIEW 5W FONT, 6" / 4.5" UPPERCASE/LOWERCASE
3	SPEED LIMIT 35	31+00	RT	R2-1	30	36	7.50	2.5" PST	
4	SPEED LIMIT 20	31+00	LT	R2-1	30	36	7.50	2.5" PST	
5	SEAPLANE BASE	52+10	RT	D1-1	102	12	8.50	2 EA 4X4 TIMBER	CLEARVIEW 5W FONT, 6" / 4.5" UPPERCASE/LOWERCASE
6	STOP	52+35	RT	R1-1	30	30	6.25	2.5" PST	
7	ANGOON	52+54	RT	D1-2-2	102	24	17.00	2 EA 4X6 TIMBER	CLEARVIEW 5W FONT, 6" / 4.5" UPPERCASE/LOWERCASE
8	SEAPLANE BASE	53+25	LT	D1-1	102	12	8.50	2 EA 4X4 TIMBER	CLEARVIEW 5W FONT, 6" / 4.5" UPPERCASE/LOWERCASE
9	STOP	67+38	LT	R1-1	30	30	6.25	2.5" PST	
10	STOP	85+05	LT	R1-1	30	30	6.25	2.5" PST	
11	END ROAD 1000 FT	145+75	RT	W14-101	36	36	9.00	2.5" PST	
12	ANGOON 2.5	151+80	LT	D2-1	72	12	6.00	2 EA 2.5" PST	CLEARVIEW 5W FONT, 6" / 4.5" UPPERCASE/LOWERCASE
13	SPEED LIMIT 35	153+00	LT	R2-1	30	36	7.50	2.5" PST	

202(1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS

MOVE 2 EACH SATELLITE DISHES OUTSIDE THE ROW. APPROXIMATE STATION 60+40 LEFT

INACTIVE 2" HDPE CONDUIT ON GROUND SURFACE

FROM STATION 87+00 TO 153+28

APPROXIMATELY 6,700 LF

2" GALVANIZED PIPE STUBS; 3 EACH

STATION 93+10, OFFSET LEFT

202(1) Removal of Structures / Obstructions

2" Galvanized Pipes 1 EACH
Station 60+05, Offset Left

633(2) SEDIMENT BARRIER

STATION	OFFSET	LENGTH (FT)	REMARKS
37+00	RT	45	
47+00	LT	150	
112+50	RT	75	
116+50	LT & RT	250	

642(4) SET PRIMARY MONUMENT

STATION	OFFSET	REMARKS
29+62.54	CENTERLINE	INTERSECTION OF KOOTZNAHOO ROAD WITH OLD KOOTZNAHOO ROAD
52+59.99	CENTERLINE	INTERSECTION WITH KOOTZNAHOO ROAD WITH SEAPLANE FLOAT ROAD
85+27.21	CENTERLINE	INTERSECTION OF KOOTZNAHOO ROAD WITH B.I.A. ROAD
151+62.87	CENTERLINE	

642(9) REFERENCE EXISTING MONUMENT

STATION	OFFSET	REMARKS
29+62.54	CENTERLINE	INTERSECTION OF KOOTZNAHOO ROAD WITH OLD KOOTZNAHOO ROAD
52+59.99	CENTERLINE	INTERSECTION WITH KOOTZNAHOO ROAD WITH SEAPLANE FLOAT ROAD
85+27.21	CENTERLINE	INTERSECTION OF KOOTZNAHOO ROAD WITH B.I.A. ROAD
151+62.87	CENTERLINE	

642(10) MONUMENT CASE

STATION	OFFSET	REMARKS
29+62.54	CENTERLINE	INTERSECTION OF KOOTZNAHOO ROAD WITH OLD KOOTZNAHOO ROAD
52+59.99	CENTERLINE	INTERSECTION WITH KOOTZNAHOO ROAD WITH SEAPLANE FLOAT ROAD
85+27.21	CENTERLINE	INTERSECTION OF KOOTZNAHOO ROAD WITH B.I.A. ROAD
151+62.87	CENTERLINE	

627 (10) ADJUSTMENT OF VALVE BOX

STATION	OFFSET	REMARKS
67+30	2' RT	
84+90	9' LT	
85+20	10' LT	
35+95	10' RT	

632(1) PAVING FABRIC

STATION	LENGTH (FT)	REMARKS
97+00	300	
132+50	30	

639 (3) APPROACH SUMMARY

STATION	OFFSET	WIDTH (FT)	REMARKS
35+75	RT	20' 17"	PEDESTRIAN ACCESS TO FOREST SERVICE PROPERTY
38+95	LT	20' 28"	
50+95	LT	20' 104"	STA. 50+95 AND 51+64: EXISTING APRONS ARE CONNECTED TOGETHER. *
53+63	LT	20' 30"	
55+87	RT	20'	
56+91	RT	20' 23"	
57+44	RT	20' 21"	
58+43	RT	20' 31"	
58+56	LT	20' 25"	
59+70	LT	20' 18"	
59+93	RT	20' 23"	
60+63	RT	20' 21"	
61+08	LT	20' 21"	
61+60	LT	20' 27"	
62+10	LT	20' 27"	
64+00	RT	24' 50"	
65+57	LT	20' 24"	
65+95	RT	90'	Broken into two approaches. See Tab 639(3a)
66+20	LT	20' 40"	
66+84	LT	20' 19"	
67+93	LT	90' 98"	BOAT HARBOR PARKING AREA
72+33	RT	20'	
72+40	LT	20' 26"	
76+50	RT	20' 17"	
79+50	RT	20' 18"	
91+63	LT	20' 41"	TO CITY DUMP
106+48	RT	20' 37"	
110+06	LT	20' 22"	
112+53	LT	20' 23"	OLD SEA ALASKA QUARRY
125+45	LT	20' 30"	
133+98	LT	20' 24"	
151+87	RT	25' 24"	TANK FARM

NOTE: * Paved as one (1) 104' long approach

APPROACH LIST MAY NOT BE COMPREHENSIVE AND LOCATIONS ARE APPROXIMATE. THE INTENT IS TO CONSTRUCT A PAVED APRON AT ALL CURRENTLY USED APPROACHES.

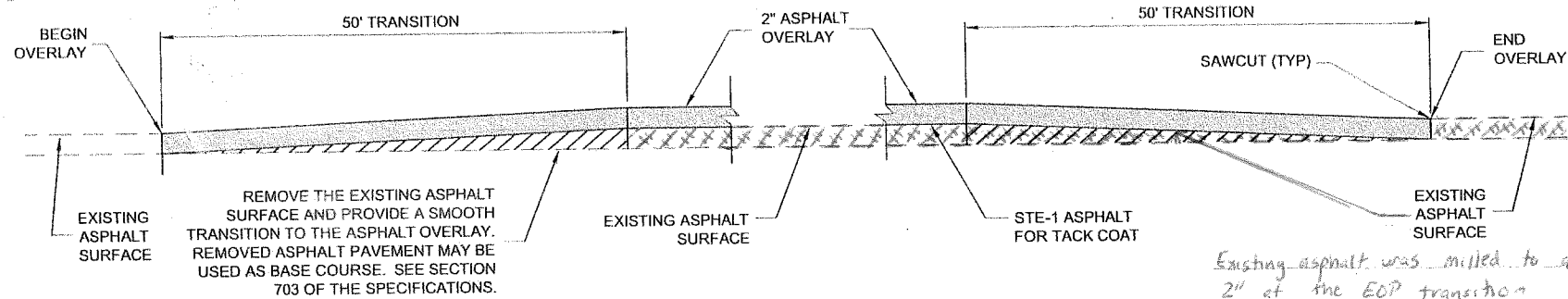
Approach List may not be comprehensive. Locations and widths are approximate. The intent is to construct a paved apron at all currently used approaches

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

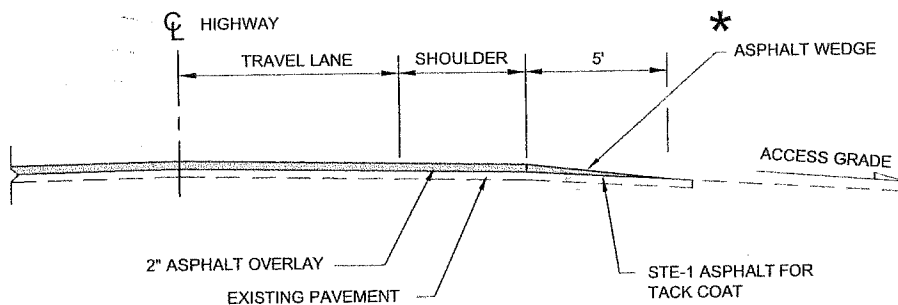
CHECKED BY: P. CARROLL		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		ANG-AREAWIDE PAVING PROJECT #67460	
DESIGNED BY: D. LESTER			
DRAWN BY: D. STEVENS, R. GRANTHAM			
PATH: Q:\ANG\67460\PLANSET\67460_D1_SUMS.DWG			
TAB: D1 Wednesday, August 01, 2012 8:54:59 AM LESTER, DARRYL (DOT)			
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	
		NH-0003(161) ~ 67460	2012
		SHEET NO.	TOTAL SHEETS
		D1	13

EOP 153+28

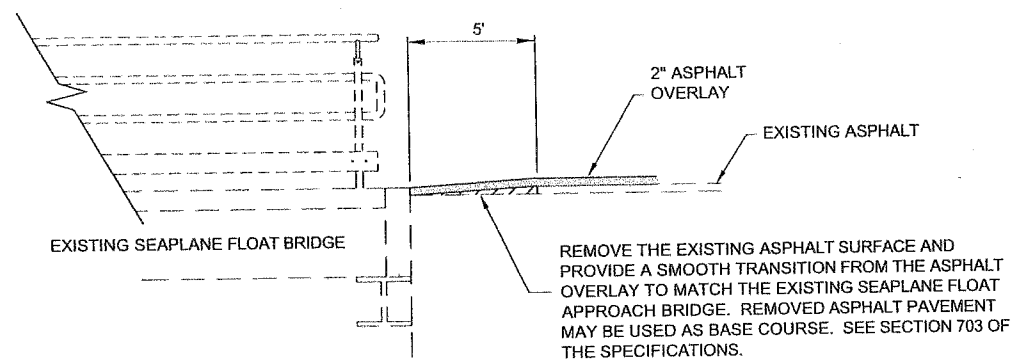
B.O.P 28+50



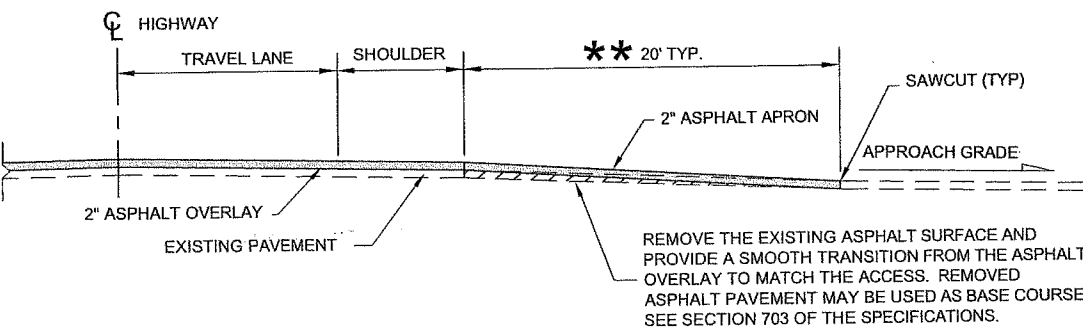
PAVEMENT MATCH JOINT DETAIL



TYPICAL DRIVEWAY PROFILE



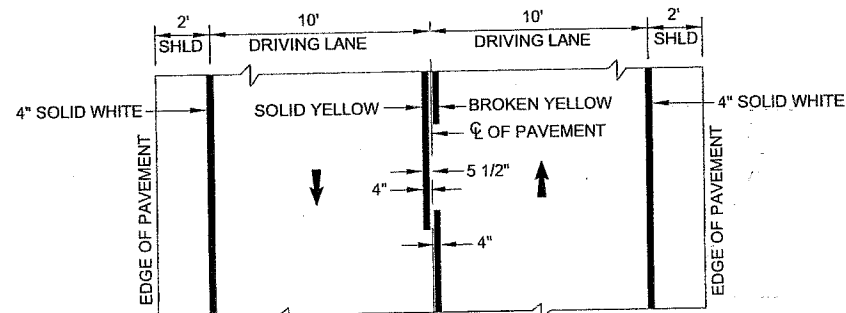
SEAPLANE FLOAT MATCH JOINT DETAIL



TYPICAL STREET APPROACH PROFILE

** 18' APRON AT BIA ROAD, 20' ALL OTHER STREET APPROACHES.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. DR Date 10/15/2013

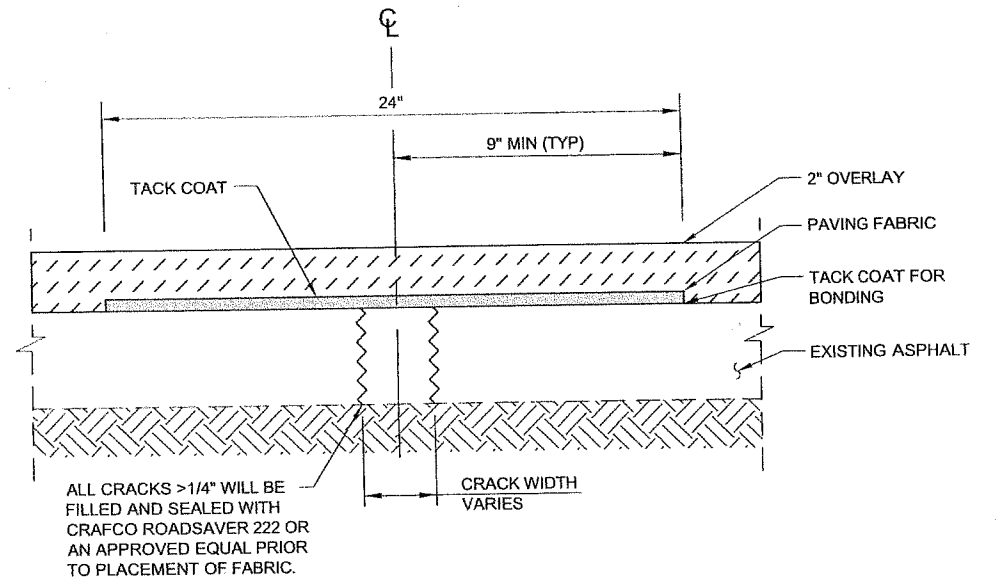


STRIPING DETAIL

STRIPING NOTE:

1. PASSING ZONES SHALL BE LOCATED IN FIELD. THE CONTRACTOR SHALL REFERENCE AND STAKE THE LOCATIONS OF PASSING ZONES PER * SPECIAL PROVISION 670.

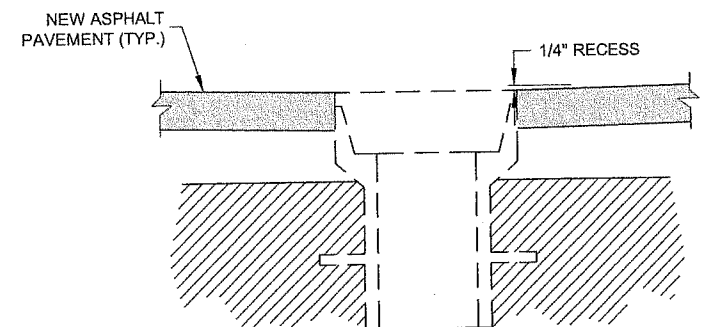
* Section 670-3.05 of the Standard Specifications



PAVING FABRIC/CRACK REPAIR

NOTES:

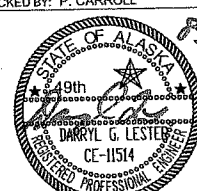
1. REFER TO SECTION 632 IN THE SPECIFICATIONS FOR SURFACE PREPARATION.
2. APPLY TACK COAT OVER MEMBRANE PRIOR TO PAVING.
3. CRACK REPAIR PAID FOR UNDER ITEM 632(1) PAVING FABRIC.

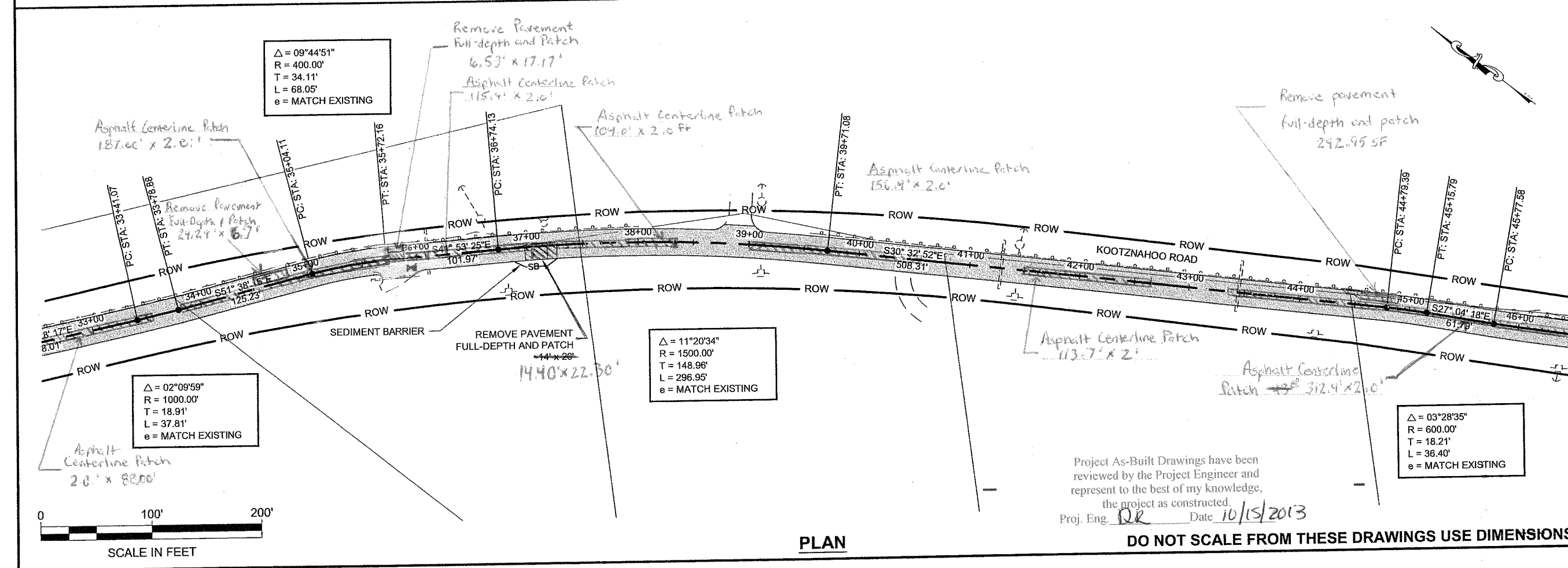
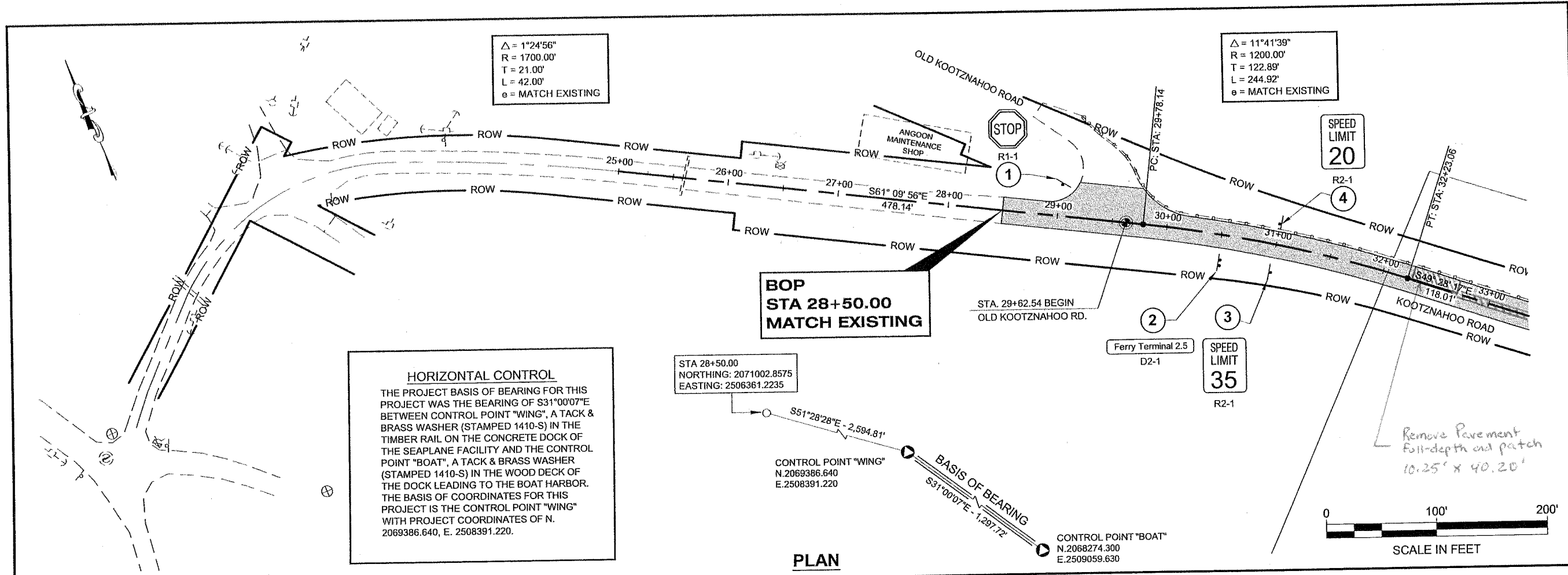


CENTERLINE MONUMENT CASE AND VALVE BOX ADJUSTMENT DETAIL

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		ANG-AREAWIDE PAVING PROJECT #67460	
DESIGNED BY: D. LESTER		MISCELLANEOUS DETAILS	
DRAWN BY: D. STEVENS, R. GRANTHAM			
PATH: Q:\ANG67460\PLANSET\67460_E1_DET.DWG			
TAB: E1 Monday, July 23, 2012 7:30:15 AM		LESTER, DARRYL (DOT)	
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	
		NH-0003(161) ~ 67460	2012
		SHEET NO.	TOTAL SHEETS
		E1	13



PATH: Q:\ANG67460\PLANSET\67460_F1-F6_PLAN.DWG

LESTER, DARRYL (DOT)

TAB: F1 Friday, July 20, 2012 7:49:01 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: P. CARROLL

DESIGNED BY: D. LESTER

DRAWN BY: D. STEVENS, R. GRANTHAM

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

ANG-AREAWIDE PAVING
 PROJECT #67460

PROJECT DESIGNATION
 NH-0003(161) ~ 67460

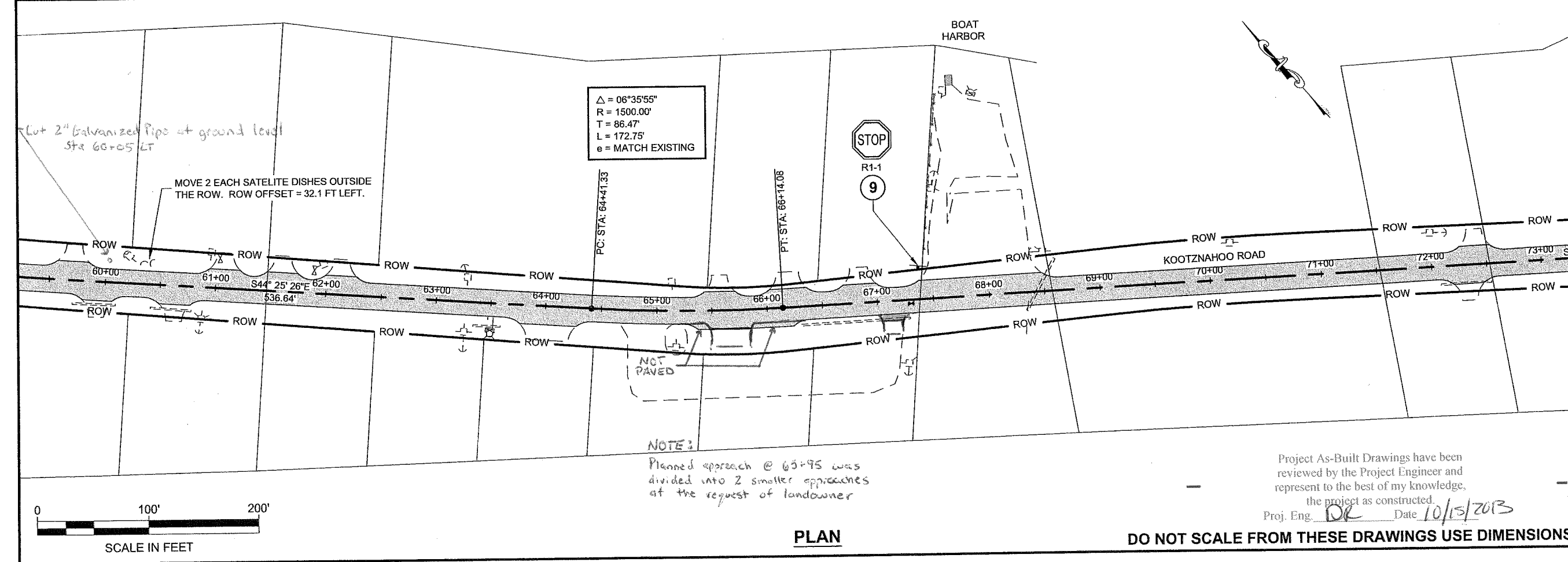
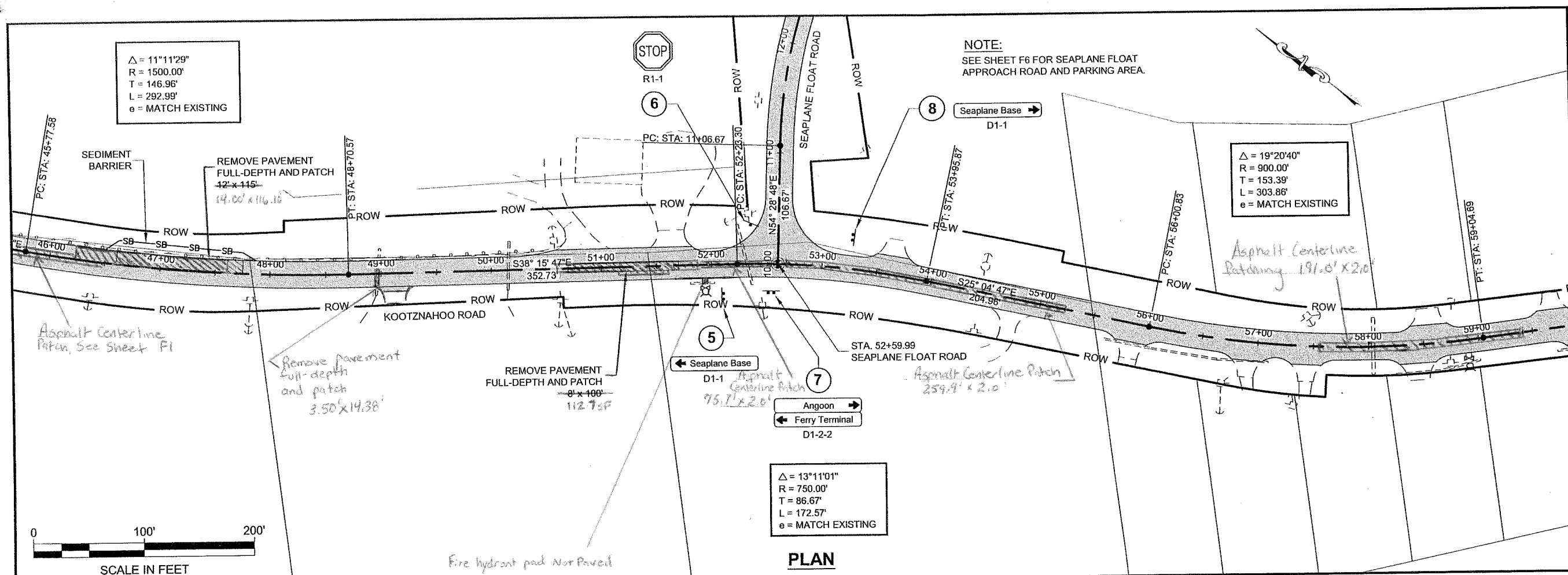
STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F1	13

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. *DR* Date *10/15/2013*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH:
Q:\ANG67460\PLANSET\67460_F1-F6_PLAN.DWG

LESTER, DARRYL (DOT)

TAB: F2 Tuesday, July 24, 2012 11:02:22 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN

PLAN LEGEND

CHECKED BY: P. CARROLL

8-14-12

DESIGNED BY: D. LESTER

DRAWN BY: D. STEVENS, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

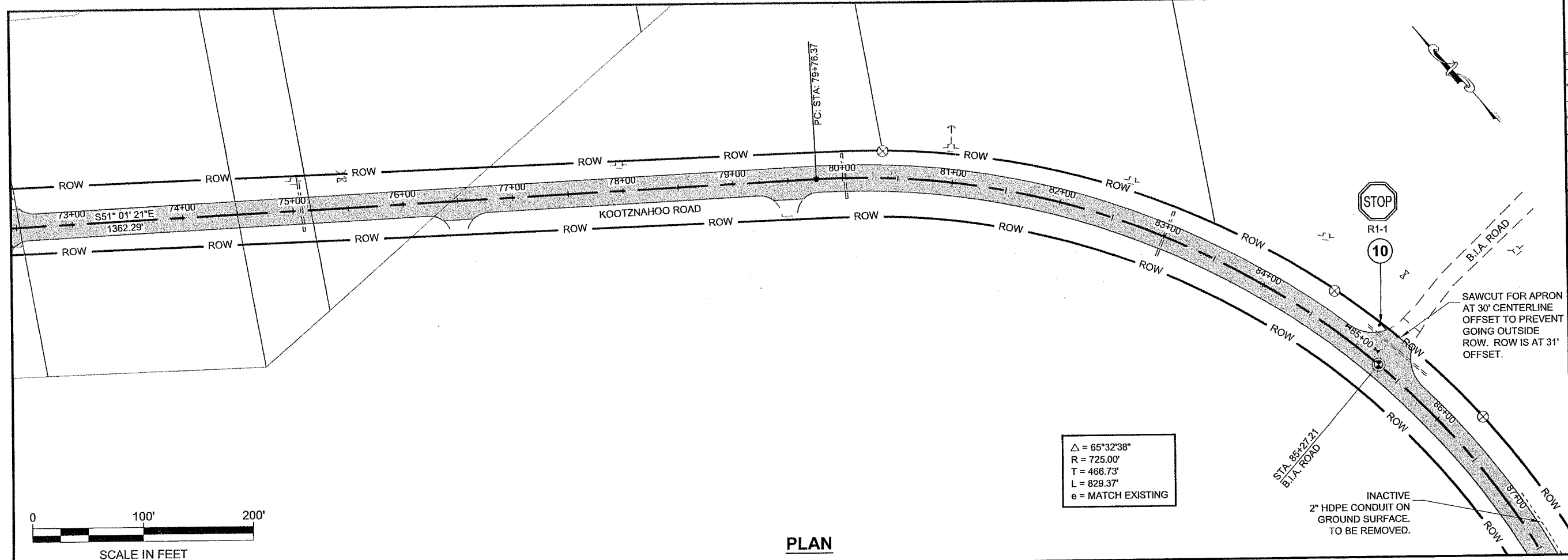
**ANG-AREAWIDE PAVING
PROJECT #67460**

PROJECT DESIGNATION	
NH-0003(161) ~ 67460	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
F2	13

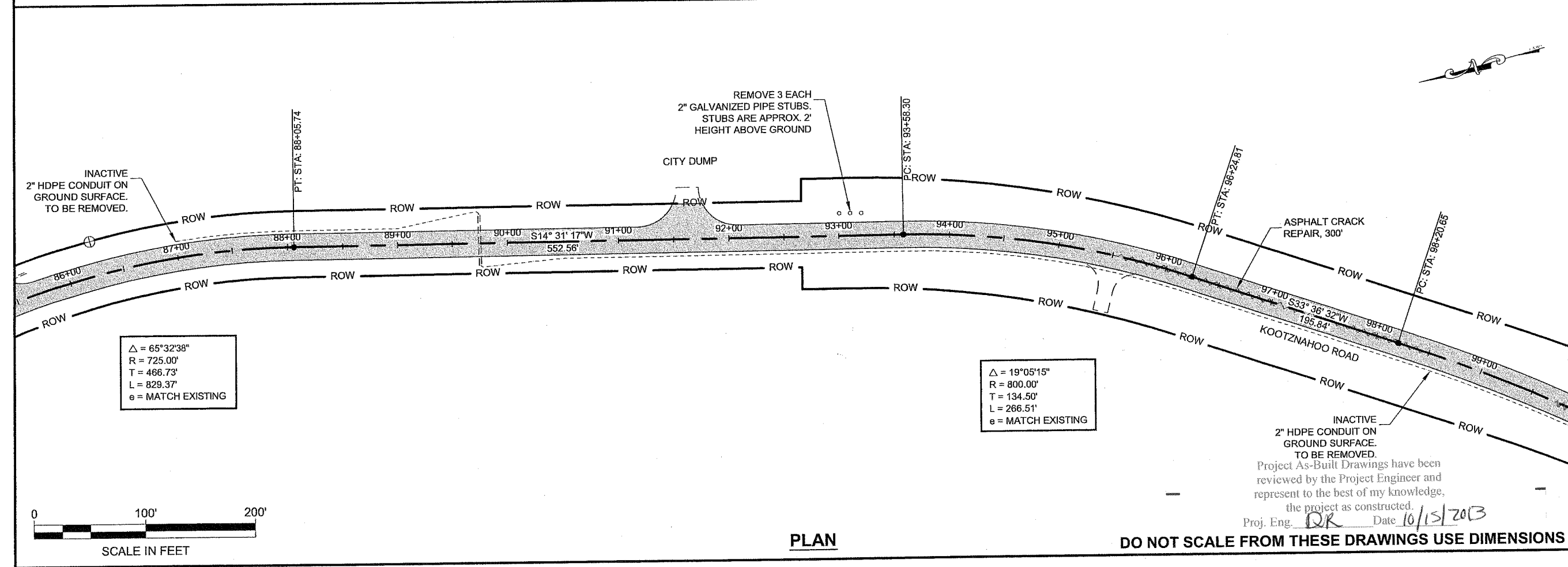
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. *DR* Date *10/15/2013*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\ANG167460\PLANSET\167460_F1-F6_PLAN.DWG
 LESTER, DARRYL (DOT)
 TAB: F3 Friday, July 20, 2012 10:17:34 AM
 ADDENDUM NUMBER
 ATTACHMENT NUMBER
 RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND
 CHECKED BY: P. CARROLL

 DESIGNED BY: D. LESTER
 DRAWN BY: D. STEVENS, R. GRANTHAM
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION
 ANG-AREAWIDE PAVING
 PROJECT #67460
 PROJECT DESIGNATION
 NH-0003(161) ~ 67460

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F3	13

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. DR Date 10/15/2013

PATH:
Q:\ANG67460\PLANSET\67460_F1-F6_PLAN.DWG

LESTER, DARRYL (DOT)

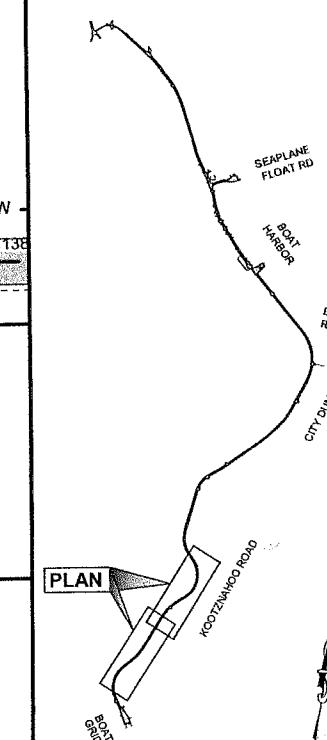
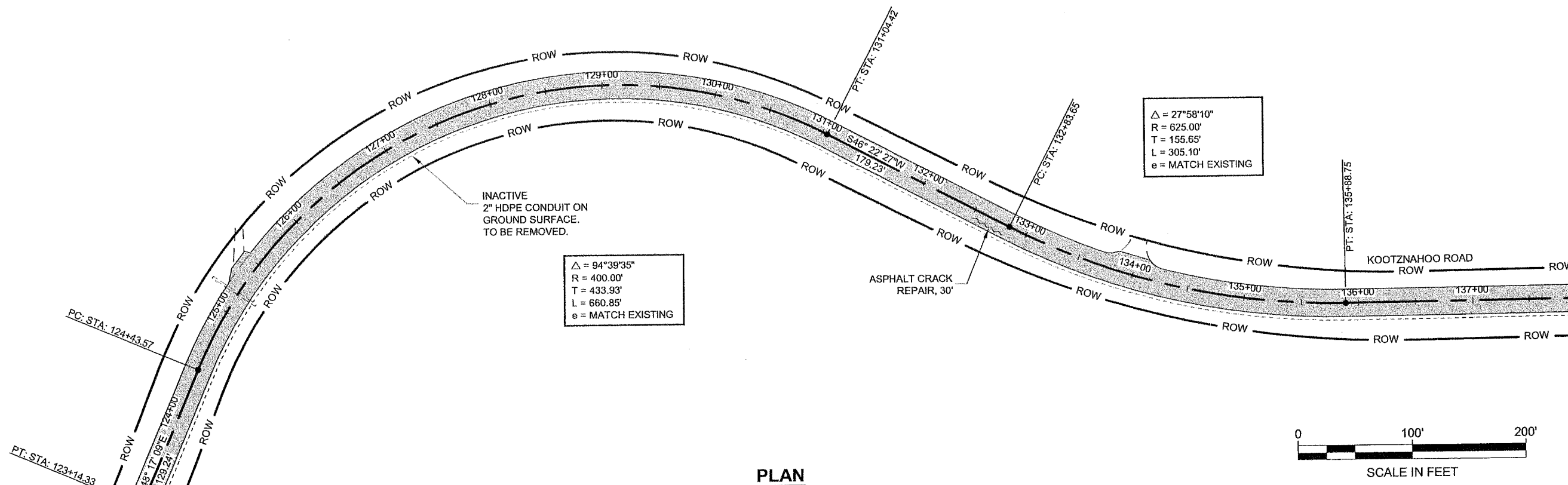
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ADDENDUM NUMBER

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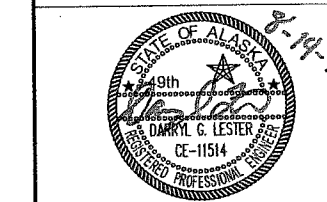
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: P. CARROLL



DESIGNED BY: D. LESTER

DRAWN BY: D. STEVENS, R. GRANTHAM

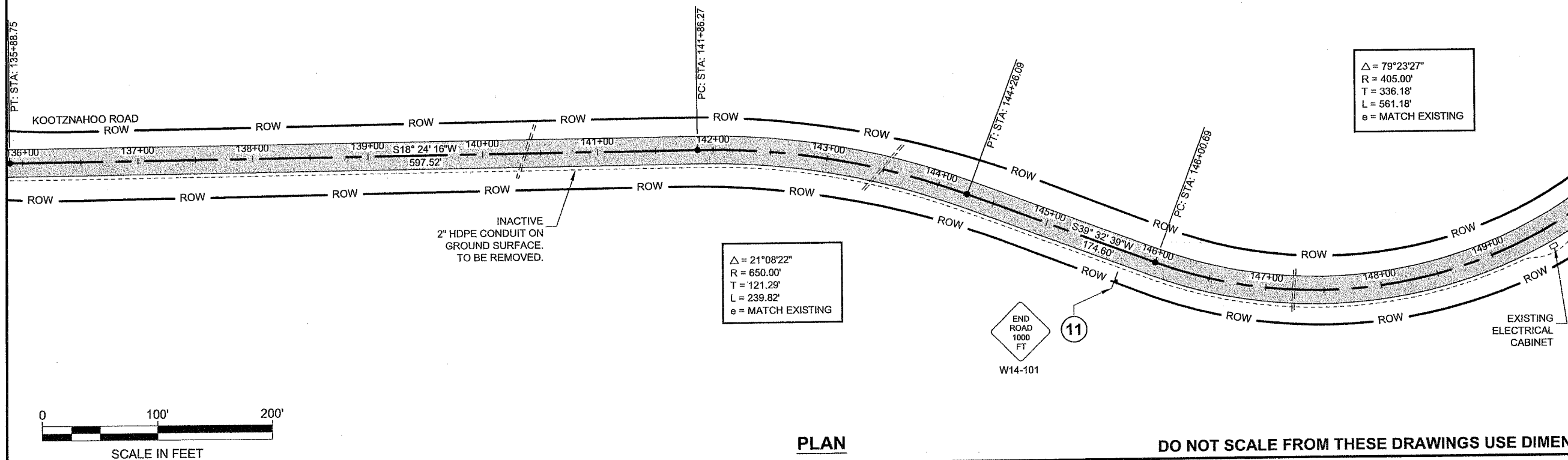
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

ANG-AREAWIDE PAVING
 PROJECT #67460

PROJECT DESIGNATION
 NH-0003(161) ~ 67460

STATE: ALASKA
 YEAR: 2012

SHEET NUMBER: F5
 TOTAL SHEETS: 13



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *QR* Date *10/15/2013*

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LESTER, DARRYL (DOT)

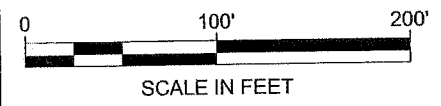
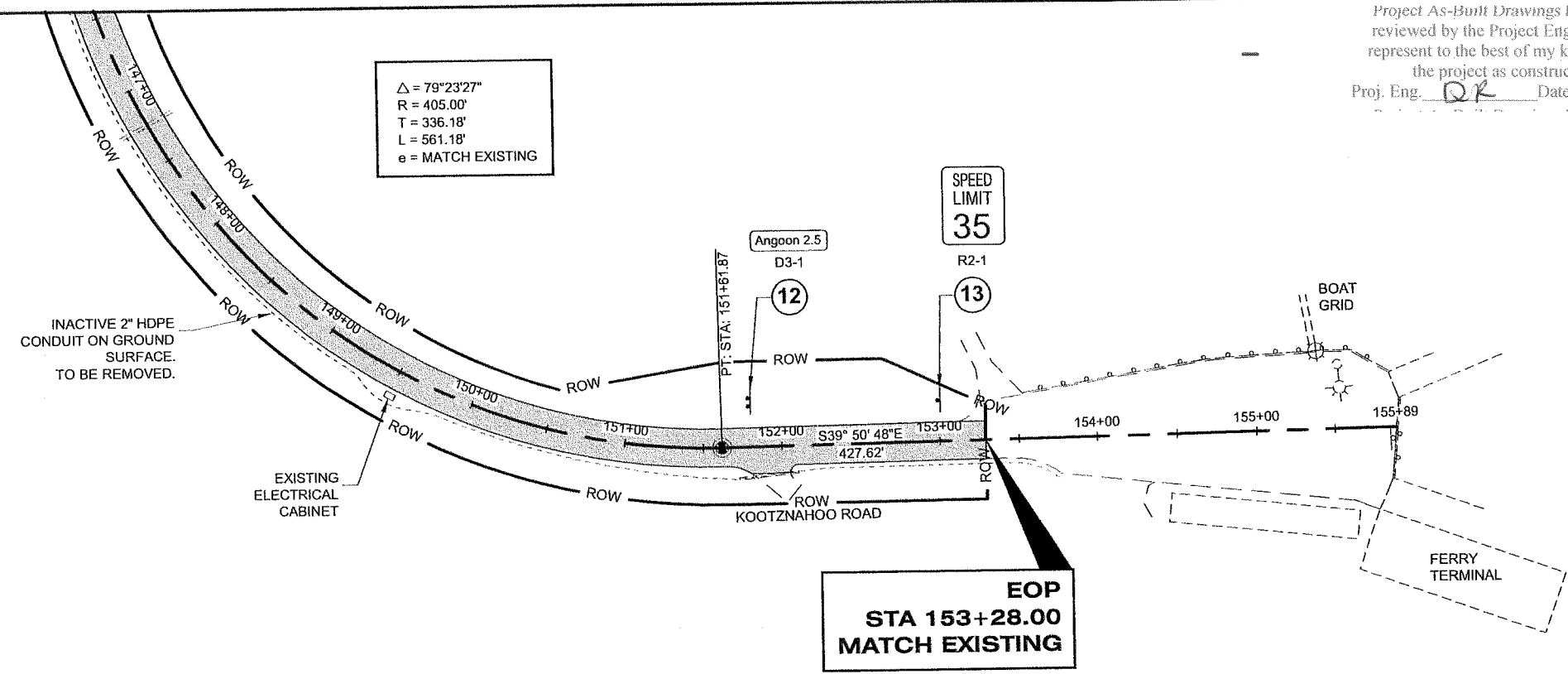
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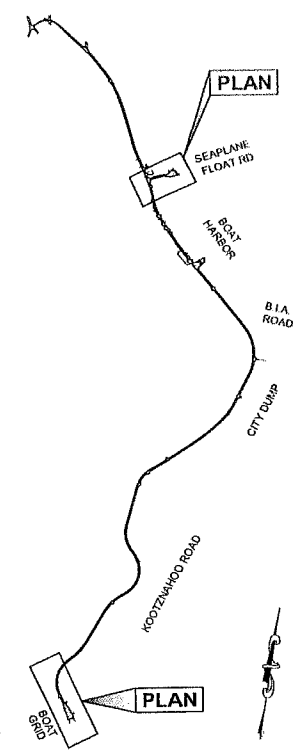
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN



PLAN LEGEND

CHECKED BY: P. CARROLL

DESIGNED BY: D. LESTER

DRAWN BY: D. STEVENS, R. GRANTHAM

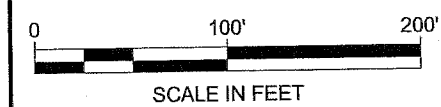
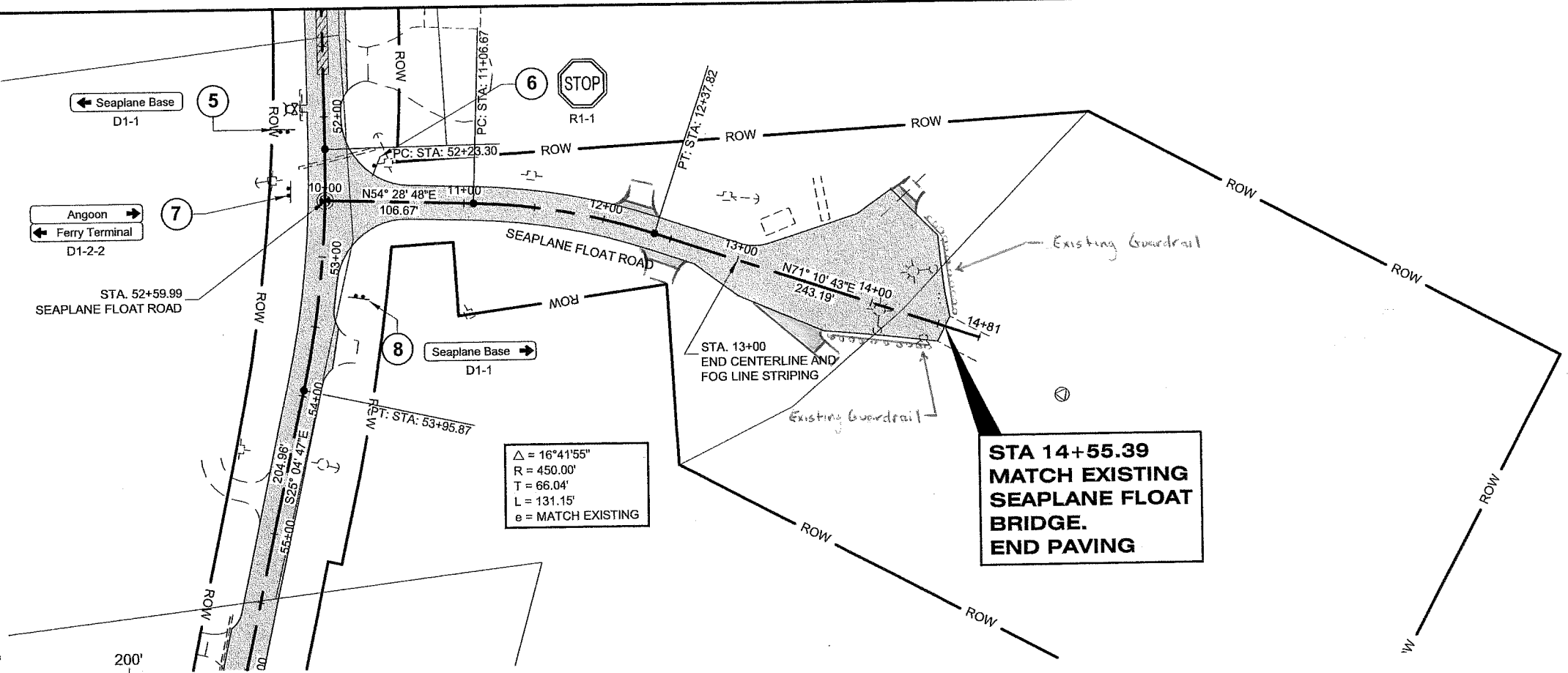
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

ANG-AREAWIDE PAVING
PROJECT #67460

PROJECT DESIGNATION
NH-0003(161) ~ 67460

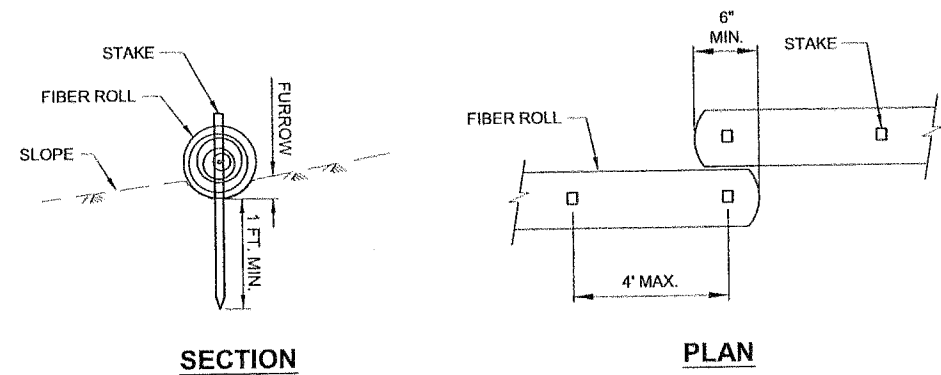
STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
F6	13

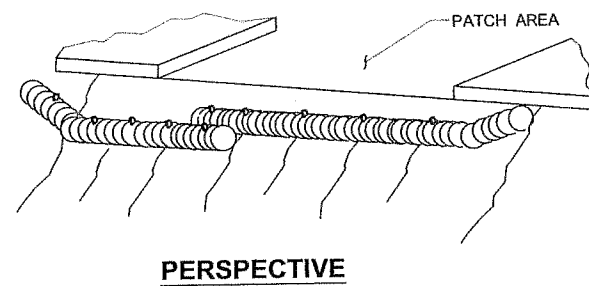


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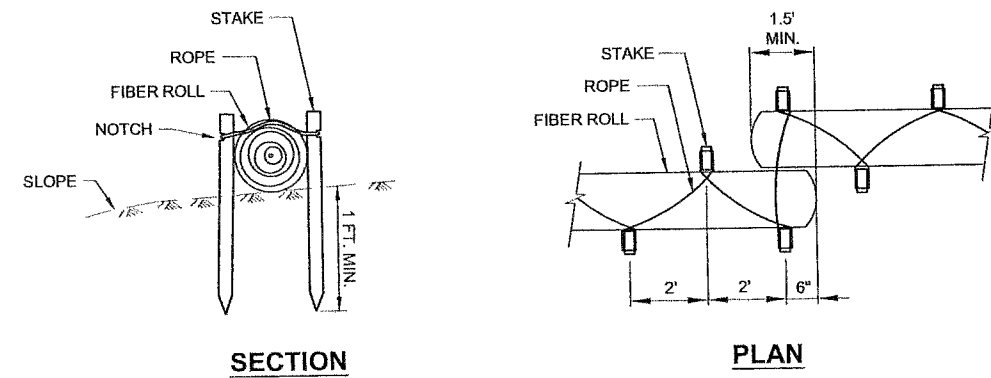
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



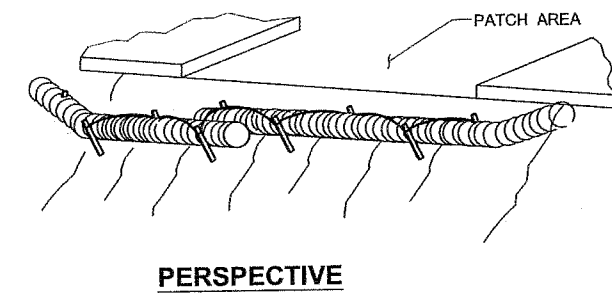
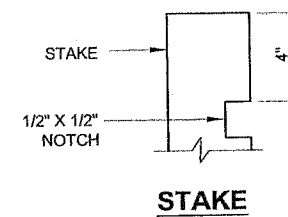
FIBER ROLL (TYPE 1)



FIBER ROLL (TYPE 1)



FIBER ROLL (TYPE 2)




FIBER ROLL (TYPE 2)

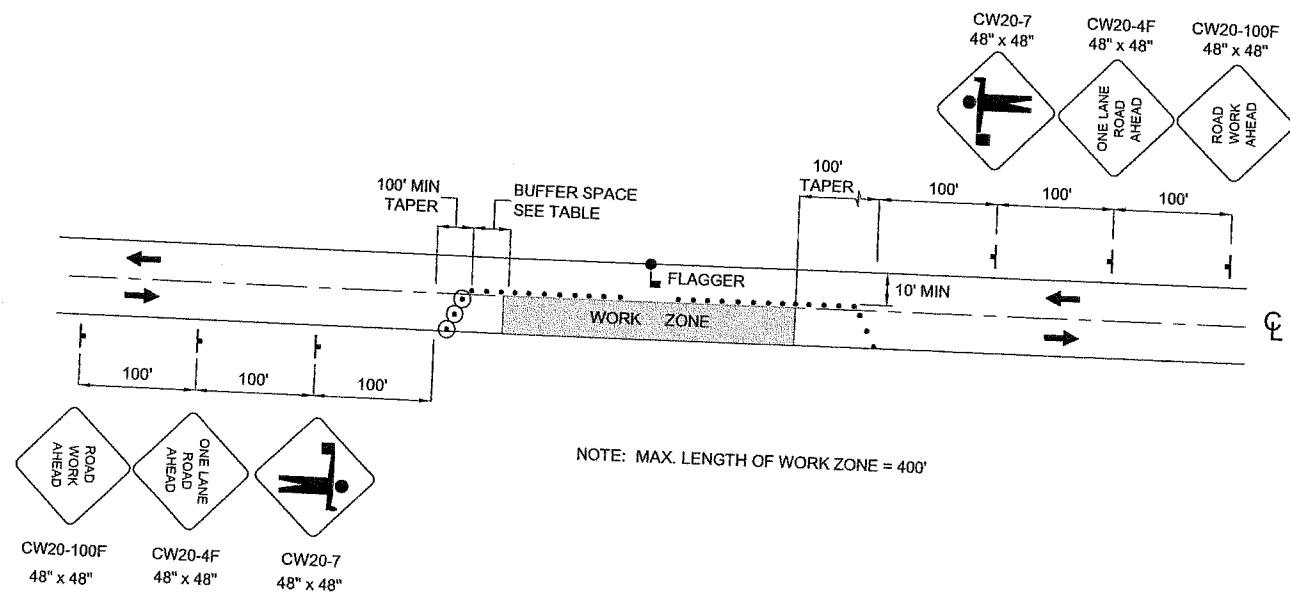
TYPICAL FIBER ROLL DETAIL

GENERAL NOTES:

1. REFER TO APPENDIX B OF THE SPECIAL PROVISIONS FOR THE ENVIRONMENTAL COMMITMENTS.
2. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A WQCP ACCORDING TO SECTION 641 OF THE SPECIFICATIONS.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING PAVEMENT REMOVAL FOR PATCHING.
4. THE LOCATION AND LENGTH OF FIBER ROLLS IS DEPENDENT ON THE CONDITIONS OF THE SITE. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.
5. ANCHOR AS NECESSARY TO FIRMLY SECURE FIBER ROLLS AND PROVIDE CONTINUOUS CONTACT WITH THE SURFACE ON WHICH IT IS INSTALLED.
6. EROSION CONTROL MEASURES WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND INEFFECTIVE MUST BE REPLACED OR REPAIRED WITHIN 24 HOURS FOLLOWING NOTIFICATION.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

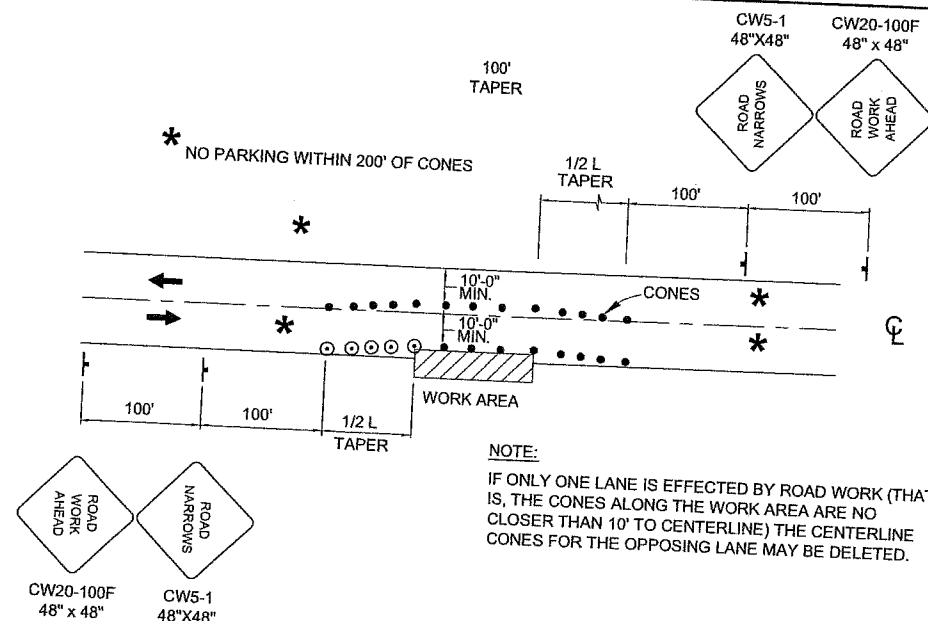
CHECKED BY: P. CARROLL 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION ANG-AREAWIDE PAVING PROJECT #67460																					
DESIGNED BY: D. LESTER DRAWN BY: D. STEVENS, R. GRANTHAM PATH: Q:\ANG\67460\PLANSET\67460_P1_ESCP.DWG TAB: P1 Friday, July 20, 2012 6:48:23 AM LESTER, DARRYL (DOT)		EROSION & SEDIMENT CONTROL DETAILS																					
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REVISIONS			PROJECT DESIGNATION	YEAR					SHEET NO.	TOTAL SHEETS													
NO.	DATE	DESCRIPTION																					
			NH-0003(161) ~ 67460	2012	P1	13																	



NOTE: MAX. LENGTH OF WORK ZONE = 400'

TWO LANE ROADWAY-SINGLE LANE CLOSURE

SINGLE FLAGGER



NOTE:
IF ONLY ONE LANE IS EFFECTED BY ROAD WORK (THAT IS, THE CONES ALONG THE WORK AREA ARE NO CLOSER THAN 10' TO CENTERLINE) THE CENTERLINE CONES FOR THE OPPOSING LANE MAY BE DELETED.

ROADWAY ENCROACHMENT

TRAFFIC CONTROL NOTES

1. MINIMUM OF ONE LANE SHALL REMAIN OPEN AT ALL TIMES IN WORK AREAS.
2. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 10'.
3. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED.
4. CHANNELIZATION DEVICES IF USED AT NIGHT SHALL BE LIT IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL.
5. DRIVEWAYS MAY BE CLOSED DURING ACTUAL WORK ON A GIVEN DRIVEWAY, PROVIDED THAT THE CLOSURE DOES NOT EXCEED 4 HOURS AND THE AFFECTED RESIDENTS HAVE BEEN GIVEN 24 HOURS NOTICE OF THE CLOSURE.
6. A SINGLE LANE CLOSURE UTILIZING A SINGLE FLAGGER MAYBE USED WHEN:
 - A. THE WORK ZONE IS LESS THAN 400 FEET LONG.
 - B. TRAFFIC APPROACHING THE WORK ZONE FROM EITHER DIRECTION IS VISIBLE TO THE FLAGGER.
7. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. PLANS FOR CONFIGURATIONS NOT COVERED BY THE TCP SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. WHERE APPROPRIATE, THEY SHALL INCORPORATE APPLICABLE DETAILS FROM THESE SHEETS.
8. ALL TRAFFIC CONTROL PLANS SUBMITTED BY THE CONTRACTOR SHALL BE NUMBERED. ALL TRAFFIC CONTROL PLANS THAT USE A TYPICAL APPLICATION AS DESCRIBED IN THE MUTCD SHALL REFERENCE THE TYPICAL APPLICATION. EXAMPLE: TCP 3, MUTCD TA-10.

LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION

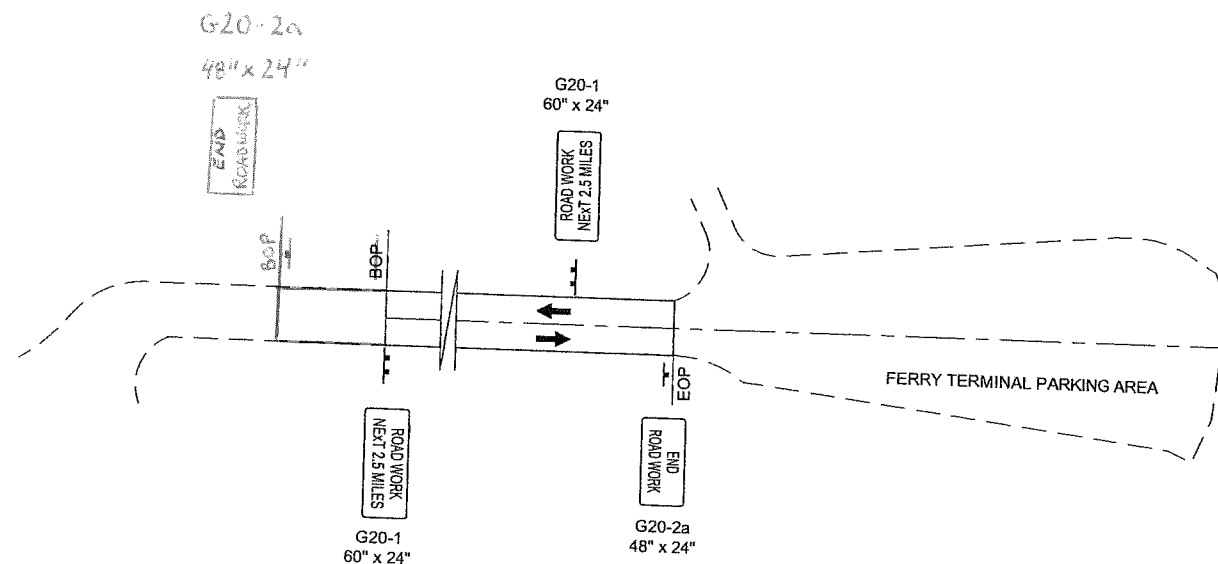
FORMULAS FOR L (TAPER LENGTH)

40 MPH OR LESS $L = \frac{W \times S^2}{60}$

WHERE W = WIDTH OF OFFSET
S = POSTED SPEED LIMIT

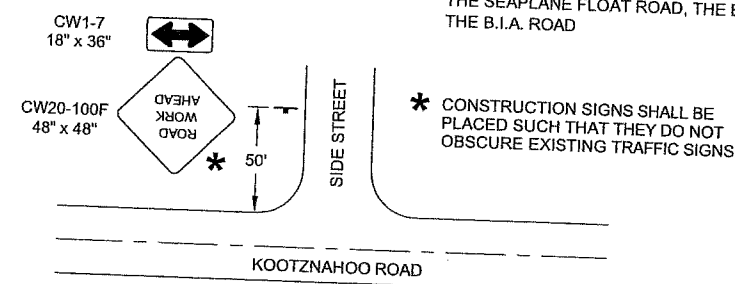
DRUM OR CONE SPACING = S (IN FEET)

MIN. BUFFER	LENGTH
20	35
25	55
30	85
35	120
40	170



PERMANENT CONSTRUCTION SIGNING

NOTE:
THIS DETAIL APPLIES AT THE OLD KOOTZNAHOO ROAD, THE SEAPLANE FLOAT ROAD, THE BOAT HARBOR, AND THE B.I.A. ROAD



* CONSTRUCTION SIGNS SHALL BE PLACED SUCH THAT THEY DO NOT OBSCURE EXISTING TRAFFIC SIGNS.

PERMANENT CONSTRUCTION SIGNING - SIDE STREETS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION ANG-AREAWIDE PAVING PROJECT #67460	
DESIGNED BY: D. LESTER DRAWN BY: D. STEVENS, R. GRANTHAM		TRAFFIC CONTROL PLAN	
PATH: Q:\ANG\67460\PLANSET\67460_T1_TRAFF-CTRL.DWG TAB: T1 Friday, July 20, 2012 6:48:48 AM		LESTER, DARRYL (DOT)	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION YEAR SHEET TOTAL	

